Name Date Block Score

HW: Multi-Step Equations

*Solve.*

1.  2. 

3.  4. 

5.  6. 

7.  8. 

9. 9*x* – 5(3*x* - 12) = 30 10. 9*x* – 5*x* – 19 = 21

11. 3*x* –*x* + 15 = 41 12. 3(*x* + 6) = 12

13. 22*x* + 2(3*x* + 5) = 66 14. 6*x* – 4(3*x* + 2) = 10

15. 5*x* - (4*x* – 1) = -12 16. 

17.  18. 

|  |  |
| --- | --- |
| *Simplify.* | *Solve.* |
| 19. 3 + 4(*x* + 5) – 31 | 20. 3 + 4(*x* + 5) = 31 |

21. Among the career home run leaders for Major League Baseball, Hank Aaron has 175 fewer than twice the number that Dave Winfield has. Hank Aaron hit 755 home runs. How many home runs did Dave Winfield hit in his career? *Write and solve an equation for this situation.*

22. The ages of three brothers are consecutive integers with the sum of 96. How old are the brothers?